

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-19 (Cancelled).

20. (Currently Amended) A ~~radio-receiving base station~~ apparatus using an automatic repeat request (ARQ) ~~procedure, said base station apparatus comprising:~~

a receiver configured to receive data from a ~~radio-transmitting terminal~~ apparatus in an uplink;

an error detector configured to perform an error detection for the data by using an error-detecting code; and

a transmitter configured to transmit, to the ~~radio-transmitting terminal~~ apparatus [[,]];

(i) an acknowledgment (ACK) /negative acknowledgment (ACK/NACK) signal based on a result of the error detection, and to transmit, to the radio transmitting apparatus, when said error detector detects no error;

(ii) a negative acknowledgement (NACK) signal when said error detector detects an error; and

(iii) a control signal, said control signal, pairing with the ACK /NACK signal or the NACK signal, for governing operations including a new transmission, a retransmission, and no transmission performed in the ~~radio-transmitting terminal~~ apparatus.

21. (Currently Amended) The ~~radio receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operation that the ~~radio receiving base station~~ apparatus resumes a transmission after performing no transmission.

22. (Currently Amended) The ~~radio receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operations that the ~~radio receiving base station~~ apparatus performs no transmission and keeps data in a buffer.

23. (Currently Amended) The ~~radio receiving base station~~ apparatus according to claim 20, wherein said control signal is for governing the operations that the ~~radio receiving base station~~ apparatus suspends a transmission and performs no transmission.

24. (Currently Amended) The ~~radio receiving base station~~ apparatus according to claim 20, wherein the control signal is a suspend signal, said suspend signal for governing the operations that the ~~radio receiving base station~~ apparatus suspends a transmission and performs no transmission, or a resume signal, said resume signal for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission.

25. (Currently Amended) The ~~radio receiving base station~~ apparatus according to claim 20, further comprising a channel quality measurer configured to measure a channel quality between the ~~radio receiving terminal~~ apparatus and the ~~radio receiving base station~~ apparatus, wherein the transmitter transmits the control signal based on the channel quality.

26. (Currently Amended) The radio-receiving base station apparatus according to claim 25, wherein said control signal is for governing the operations that the radio-transmitting terminal apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold.

27. (Currently Amended) The radio-receiving base station apparatus according to claim 25, wherein said control signal is for governing the operations that the radio-transmitting terminal apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold, and said control signal is for governing the operation that the radio-transmitting terminal apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

28. (Currently Amended) The radio-receiving base station apparatus according to claim 25, wherein the radio-receiving base station apparatus performs:

- (i) transmitting an ACK signal when said error detector detects no error for the data;
- (ii) transmitting a NACK signal when said error detector detects an error for the data and the channel quality is greater than a threshold;
- (iii) transmitting the control signal for governing the operations that the radio-transmitting terminal apparatus performs no transmission and keeps data in a buffer when said error detector detects an error for the data and the channel quality is equal to or less than the threshold; and

(iv) transmitting the control signal for governing the operation that the radio transmitting terminal apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

29. (Currently Amended) A radio transmitting terminal apparatus using an automatic repeat request (ARQ) according to claim 20 comprising;

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal and a control signal which are transmitted from the radio receiving base station apparatus according to claim 20; and

a transmitter configured to transmit data, based on the ACK/NACK signal and the control signal.

30. (Currently Amended) A radio transmitting terminal apparatus using an automatic repeat request (ARQ), the terminal apparatus comprising:

a transmitter configured to perform operations, including a new transmission, a retransmission and no transmission of data to a radio receiving base station apparatus; and

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is transmitted based on a result of an error detection for the data by using an error-detecting code in the radio receiving base station apparatus, and a control signal which is transmitted from the radio receiving base station apparatus;

wherein the operations are governed based on the ACK/NACK signal and the control signal.

31. (Currently Amended) The radio transmitting terminal apparatus according to claim 30, wherein said transmitter resumes a transmission after performing no transmission based on the control signal.

32. (Currently Amended) The radio transmitting terminal apparatus according to claim 30, wherein said transmitter performs no transmission and keeps data in a buffer based on the control signal.

33. (Currently Amended) The radio transmitting terminal apparatus according to claim 30, wherein said transmitter suspends a transmission and performs no transmission based on the control signal.

34. (Currently Amended) A radio receiving method using an automatic repeat request (ARQ) comprising:

receiving data from a radio transmitting terminal apparatus in an uplink;
performing an error detection for the data by using an error-detecting code;
transmitting, to the radio transmitting terminal apparatus $[,]$ in a downlink:
an acknowledgment (ACK) / negative acknowledgement (ACK/NACK) signal based on a result of the error detection when the error detection detects no error;
a negative acknowledgement (NACK) signal when the error detection detects an error;
and

~~transmitting, to the radio transmitting apparatus, a control signal, said control signal, pairing with the ACK/NACK signal or the NACK signal, for governing operations including a new transmission, a retransmission, and no transmission performed in the radio transmitting terminal apparatus.~~

35. (Currently Amended) A radio transmitting method using an automatic repeat request (ARQ) comprising:

performing operations, including a new transmission, a retransmission and no transmission of data to a ~~radio receiving base station~~ apparatus;

receiving an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is transmitted based on a result of an error detection by using an error-detecting code for the data in the ~~radio receiving base station~~ apparatus, and a control signal which is transmitted from the ~~radio receiving base station~~ apparatus; and

governing the operations based on the ACK/NACK signal and the control signal.

36. (New) The base station apparatus according to claim 20, further comprising a channel quality measurer, wherein the transmitter transmits a NACK signal when said error detector detects an error for the data and a channel quality measurer determines that the channel quality is greater than a threshold.

37. (New) The base station apparatus according to claim 20, further comprising a channel quality measurer, wherein the control signal governs operations that:

the terminal apparatus performs no transmission and keeps data in a buffer when said error detector detects an error for the data and a channel quality measurer determines that the channel quality is equal to or less than a first threshold and greater than a second threshold,

the terminal apparatus resumes a transmission after performing no transmission when the channel quality measurer determines that the channel quality becomes greater than the first threshold, and

the terminal apparatus stops and reschedules a transmission after performing no transmission when the channel quality measurer determines that the channel quality becomes equal to or less than the second threshold.